

FORM PTO-1449  
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 3

ATTY. DOCKET NO.  
4-127-1027B/D1C1  
APPLICATION NO.

APPLICANT  
MURRAY ET AL.  
FILING DATE  
October 22, 2001

Group 10/052879 PRO  
10/22/01  
1635

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
M	AA	4,714,680	12/22/87	Civin, C.I.			2/6/84
M	AB	5,061,620	10/29/91	Tsukamoto, et al.			3/30/90
M	AC	5,147,784	9/15/92	Peault, B.			4/12/90
M	AD	5,728,581	3/17/98	Schwartz, et al.			6/7/95
M	AE	5,989,537	11/23/99	Holly, et al.			6/7/95
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
M	AM	WO 92/11355	7/9/92	PCT			<input type="checkbox"/> <input checked="" type="checkbox"/>
M	AN	WO 95/03693	2/9/95	PCT			<input type="checkbox"/> <input checked="" type="checkbox"/>
M	AO	WO 95/21626	8/17/95	PCT			<input type="checkbox"/> <input checked="" type="checkbox"/>
M	AP	WO 96/40876	12/19/96	PCT			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AQ						<input type="checkbox"/> <input checked="" type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

M	AR	Baum, et al., "Isolation of a Candidate Human Hematopoietic Stem-Cell Population," <u>Proc. Natl. Acad. Sci., USA</u> , 89:2804-2808 (April 1992)
M	AS	Bartley, et al., "Identification and Cloning of a Megakaryocyte Growth and Development Factor that is a Ligand for the Cytokine Receptor Mpl," <u>Cell</u> , 77:1117-1124 (July 1, 1994)
M	AT	Berenson, et al., "Engraftment After Infusion of CD34 <sup>+</sup> Marrow Cells in Patients with Breast Cancer or Neuroblastoma," <u>Blood</u> , 77(8):1717-1722 (April 15, 1991)

EXAMINER \_\_\_\_\_ DATE CONSIDERED 6/10/04

EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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Sheet 2 of 3

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

<i>M</i>	AA	Bruno, et al., <u>Blood</u> , 86(10):Abstract 1449 (1995)
<i>M</i>	AB	Chen, et al., "Engraftment of Human Hematopoietic Precursor Cells with Secondary Transfer Potential in SCID-hu Mice," <u>Blood</u> , 84(8):2497-2505 (October 15, 1994)
<i>M</i>	AC	Choi, et al., "Platelets Generated In Vitro From Proplatelet-Displaying Human Megakaryocytes are Functional," <u>Blood</u> , 85(2):402-413 (January 15, 1995)
<i>M</i>	AD	Craig, et al., "Expression of Thy-1 on Human Hematopoietic Progenitor Cells," <u>J. Exp. Med.</u> , 177:1331-1342 (May 1993)
<i>M</i>	AE	Debili, et al., "The mpl Receptor is Expressed in the Megakaryocytic Lineage from Late Progenitors to Platelets," <u>Blood</u> , 85(2):391-401 (January 15, 1995)
<i>M</i>	AF	de Sauvage, et al., "Stimulation of Megakaryocytopoiesis and Thrombopoiesis by the c-mpl Ligand," <u>Nature</u> , 369:533-538 (June 16, 1994)
<i>M</i>	AG	de Sauvage, et al., "Physiological Regulation of Early and Late Stages of Megakaryocytopoiesis by Thrombopoietin," <u>Journal of Experimental Medicine</u> , 183:651-656 (February 1, 1996)
<i>M</i>	AH	Eck, et al., "Gene-Based Therapy," in Goodman & Gilman's <u>The Pharmacological Basis of Therapeutics</u> , McGraw-Hill: New York, Ninth Edition, pp. 77-101 (1996)
<i>M</i>	AI	Gurney, et al., "Thrombocytopenia in c-mpl-Deficient Mice," <u>Science</u> , 265:1445-1447 (September 1994)
<i>M</i>	AJ	Jorgensen, et al., <u>Blood</u> , 84(10):Abstract 1301 (1994)
<i>M</i>	AK	Kaushansky, et al., "Thrombopoietin Expands Erythroid Progenitors, Increases Red Cell Production, and Enhances Erythroid Recovery After Myelosuppressive Therapy," <u>J. Clin. Invest.</u> , 96:1683-1687 (1995)
<i>M</i>	AL	Kaushansky, et al., "Promotion of Megakaryocyte Progenitor Expansion and Differentiation by the c-Mpl Ligand Thrombopoietin," <u>Nature</u> , 369:568-571 (1994)
<i>M</i>	AM	Kaushansky, et al., "The mpl Ligand: Molecular and Cellular Biology of the Critical Regulator of Megakaryocyte Development," <u>Stem Cells</u> , 12:91-97 (1994)
<i>M</i>	AN	Lok, et al., "The Structure, Biology and Potential Therapeutic Applications of Recombinant Thrombopoietin," <u>Stem Cells</u> , 12:586-598 (November 1994)

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DATE CONSIDERED

6/6/04

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M	AA	Lu, et al., "High Efficiency Retroviral Mediated Gene Transduction into Single Isolated Immature and Replatable CD34(3+) Hematopoietic Stem/Progenitor Cells from Human Umbilical Cord Blood," <u>Journal of Experimental Medicine</u> , 178:2089-2096 (December 1993)
M	AB	Mitani, et al., "Transduction of Human Bone Marrow by Adenoviral Vector," <u>Human Gene Therapy</u> , 5:941-948 (August 1994)
M	AC	Murray, et al., "Analysis of Human Hematopoietic Stem Cell Populations," <u>Blood Cells</u> , 20:364-370 (1994)
M	AD	Murray, et al., "Enrichment of Human Hematopoietic Stem Cell Activity in the CD34 <sup>+</sup> Thy-1 <sup>+</sup> Lin Subpopulation from Mobilized Peripheral," <u>Blood</u> , 85(2):368-378 (January 15, 1995)
M	AE	Reading, et al., Proceedings of ISEH Meeting 1994, Abstract, <u>Exp. Hematol.</u> , 22:786 (1994)
M	AF	Schmidt-Wolf, et al., <u>Journal of Hematology</u> , 4:551-561 (1995)
M	AG	Spangrude, et al., "Purification and Characterization of Mouse Multipotent Hematopoietic Stem Cells," <u>Science</u> , 241:58-62 (July 1988)
M	AH	Spangrude, et al., "Resting and Activated Subsets of Mouse Hematopoietic Stem Cells," <u>Proc. Natl. Acad. Sci. USA</u> , 7433-7437 (October 1990)
M	AI	Sutherland, et al., "Differential Sensitivity of cd34 Epitopes to Cleavage by <i>Pastereulla Haemolytica</i> Glycoprotease: Implications for Purification of cd34-positive Progenitor Cells," <u>Exp. Hematol.</u> , 20:590-599 (1992)
M	AJ	Young, et al., <u>Blood</u> , 88:1619-1631 (September 1, 1996)
M	AK	Zeigler, et al., "In Vitro Megakaryocytopoietic and Thrombopoietic Activity of c-mpl Ligand (TPO) on Purified Murine Hematopoietic Stem Cells," <u>Blood</u> , 84(12):4045-4052 (December 1994)
	AL	
	AM	
	AN	

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